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LEONARD SCHOOLS

—OF—

Medicine and Pharmacy.



—1895-'96.—

CALENDAR FROM JULY 1, 1896, TO JUNE 30, 1897.

1896.

JULY.							AUGUST.							SEPTEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				I	2	3							I			I	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19
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26	27	28	29	30	31		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
OCTOBER.							NOVEMBER.							DECEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				I	2	3	I	2	3	4	5	6	7			I	2	3	4	5
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
25	26	27	28	29	30	31	29	30						27	28	29	30	31		

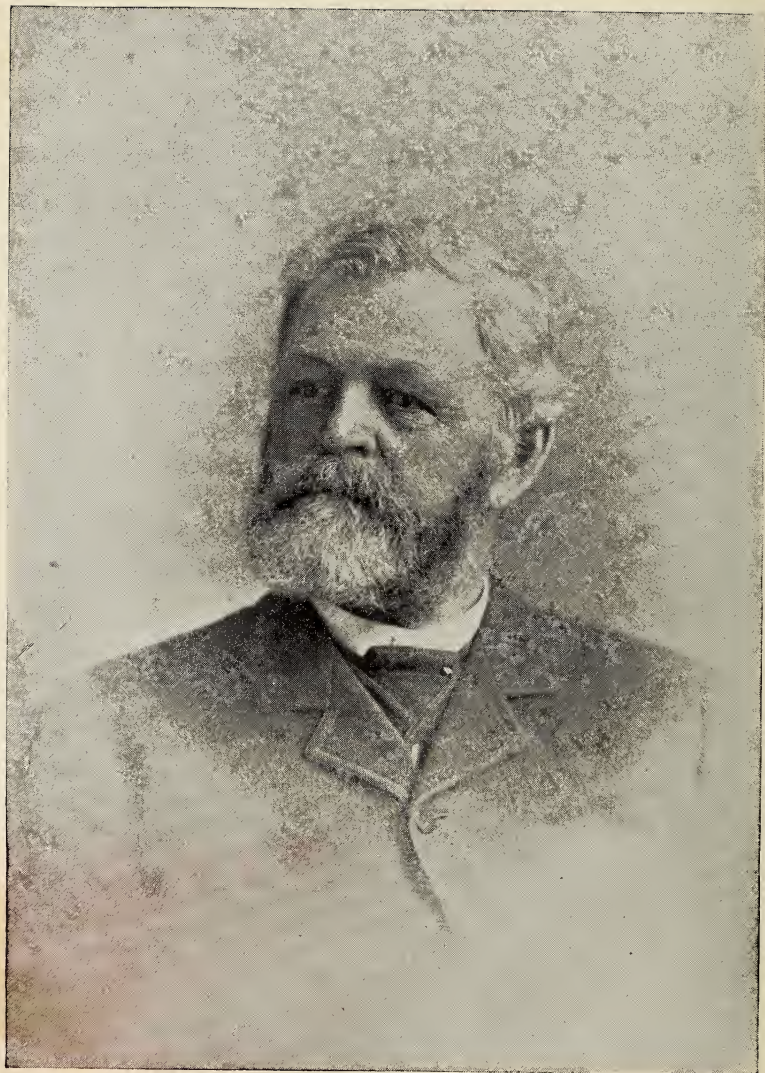
1897.

JANUARY.							FEBRUARY.							MARCH.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13
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17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28							28	29	30	31			
31																				

APRIL.							MAY.							JUNE.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					I	2						I				I	2	3	4	5
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17	18	19	20	21	22	23	16	17	18	19	20	21	22	20	21	22	23	24	25	26
24	25	26	27	28	29	30	23	24	25	26	27	28	29	27	28	29	30			
							30	31												



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ELIJAH SHAW.
1820—1896.

SIXTEENTH ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

LEONARD MEDICAL SCHOOL,

SHAW UNIVERSITY,

FOR THE ACADEMIC YEAR ENDING MARCH 31, 1896.

RALEIGH, N. C.
1896.

Established in 1882 by the American Baptist Home Mission Society, and named after Judson Wade Leonard, M. D., of Hampden, Massachusetts, the principal donor.

FACULTY.

CHAS. F. MESERVE, A. M., PRESIDENT.

JAMES MCKEE, M. D., DEAN,

Professor of Obstetrics and Diseases of Women and Children ; Visiting Physician to
Leonard Medical School Hospital.

A. W. KNOX, M. D.,

Professor of Principles and Practice of Surgery, and Clinical Operative Surgery ;
Visiting Surgeon to the Leonard Medical School Hospital.

W. I. ROYSTER, M. D.,

Professor of Principles and Practice of Medicine, Clinical Medicine and Materia Medica ;
Visiting Physician to the Leonard Medical School Hospital.

K. P. BATTLE, A. B., M. D.,

Professor of Physiology, Clinical Professor of Diseases of the Eye, Ear and Throat, and
Visiting Surgeon to the Eye, Ear and Throat Department of the
Leonard Medical School Hospital.

R. H. LEWIS, M. D.,

Professor of Diseases of the Eye, Ear and Throat, Consulting Surgeon to the Eye, Ear
and Throat Department of the Leonard Medical School Hospital.

H. B. BATTLE, PH. D.,

Professor of Medical and General Chemistry.

A. W. GOODWIN, M. D.,

Professor of Anatomy and Demonstrator of Anatomy, Visiting Physician to the
Leonard Medical School Hospital.

WM. SIMPSON,

Professor of Materia Medica.

BOARD OF TRUSTEES.

Ex-Officio.

REV. E. T. HISCOX, D. D., NEW YORK CITY.
REV. T. J. MORGAN, D. D., NEW YORK CITY.
J. G. SNELLING, ESQ., NEW YORK CITY.

First Class—Term Expiring 1896.

E. O. SILVER, ESQ., BOSTON, MASS.
M. T. POPE, M. D., CHARLOTTE, N. C.
F. F. WHITTIER, M. D., BOSTON, MASS.
C. F. MESERVE, ESQ., RALEIGH, N. C.

Second Class—Term Expiring 1897.

HON. L. K. FULLER, BRATTLEBORO, VT.
O. H. GREENLEAF, ESQ., SPRINGFIELD, MASS.
REV. J. W. CARTER, D. D., RALEIGH, N. C.
HON. EDWIN F. LYFORD, SPRINGFIELD, MASS.

Third Class—Term Expiring 1898.

*HON. ELIJAH SHAW, WALES, MASS.
REV. H. L. MOREHOUSE, D. D., NEW YORK CITY.
HON. J. L. HOWARD, HARTFORD, CT.
REV. L. T. CHRISTMAS, WILMINGTON, N. C.

*Deceased.

SPECIAL ANNOUNCEMENT.

Such has been the rapid progress of the Leonard Medical College during the past fourteen years that we can speak with confidence in regard to the wisdom of the course of study adopted by the Trustees and endorsed by the Medical Faculty. A four years' course has become popular with our students because essential, as it gives sufficient time to become thoroughly acquainted with the different branches of medicine, and will enable graduates to pass a creditable examination before Medical Boards, a legal requirement in most States, previous to the commencement of the practice of medicine, and every year such examinations are becoming more rigid. If in any department of life a little learning is dangerous, it is especially true in the medical profession, and should be carefully guarded against. Our aim is to follow closely the curriculum of study as given in subsequent pages of this announcement.

As a proof of the wisdom of the policy of the Leonard Medical School, it can be stated that its graduates, almost invariably, succeed in passing the examinations of the State Examining Boards. They are not obliged to go to States where a license is not required in order to practice medicine; the Faculty feels that it is a kind of reflection upon the Institution when they do so. It is considered a great compliment to the superior instruction here given that in several instances young men who have spent two or three years at Leonard have gone elsewhere and been admitted to the junior or senior class, and graduated with honor. As a rule, they have left the Leonard Medical School because they felt they could not do the work required here. Some of these young men have taken honors elsewhere who would not have received them here, and others have graduated who would have failed of graduation here. It can be stated of

the students of the Leonard Medical School, as President Gates, of Amherst College, said a few months ago at a re-union in Boston of the Amherst Alumni: "We do not *count* our students, we *weigh* them." The Leonard Medical School does not aim at a large attendance, but does aim to send out young men who are well fitted for their profession, and only those who are well fitted. Recently a young man, who had been three years in the Leonard Medical School, entered school elsewhere and graduated as salutatorian. No higher compliment than this could be paid by another institution to the high standard and superior methods of instruction of the Leonard Medical School. We do not desire to admit to the Leonard Medical School any young men except those who are well fitted, and who can do the work successfully. It is customary in some institutions to send out graduates in medicine when only one year has been spent in the institution whose diploma the graduate bears, the other two or three having been spent elsewhere. The Leonard Medical School does not wish to receive students who have taken even a small portion of their medical course elsewhere, but prefers to have its students enter at the freshman year, and, if competent to do the work, remain until graduation. It is customary to grant a scholarship of \$60 to all young men of ability who are in straitened financial circumstances. No certificate or letter of recommendation will be granted to any such beneficiary at the close of the freshman, sophomore or junior year, no matter how meritorious he may be in character and scholarship, unless the \$60 annual scholarship is refunded. As a further evidence of the thoroughness of the Leonard Medical School, it should be stated that the only applicant for a license from the Virginia State Board of Medical Examiners that received in every subject a rank of 100 per cent., was a graduate of the Leonard Medical School. We do not claim the Leonard Medical School is the best school in the world, but we do claim, and justly, that young men who graduate from the Leonard Medical School are equipped as few institutions equip them, to successfully practice their profession, and that this is done at a phenomenally small outlay of money on the part of the students.

FACULTY.

DR. JAMES MCKEE, who for many years has been superintendent of the Board of Health for Wake County, will give, in addition to his regular course of lectures, occasional lectures upon Public Health and Hygiene. His lectures on Obstetrics will be illustrated by diagrams, models, the cadaver and other preparations used to illustrate such obstetric operations and procedures as can be so presented. He will also lecture on diseases of women and children.

DR. W. I. ROYSTER, in his course of lectures upon the Principles of Medicine, will consider these in their connection with the individual diseases, and the latter will be treated of with special reference to prophylaxis, diagnosis and treatment. As far as possible, cases exemplifying the different diseases will be presented to the class and special attention will be given to afford the student as much practice as possible in Physical Diagnosis.

DR. A. W. KNOX brings to this department much experience, gained in the best hospitals of the country and in his regular practice. A valuable feature is the clinical instruction in connection with the Leonard Medical School Hospital, where important operations in general surgery and gynæcology are performed in the presence of the students.

DR. R. H. LEWIS is a specialist, giving attention to the eye, ear, throat and nose. He will supplement his course with clinical instruction at the Leonard Medical School Hospital, students thus having the opportunity of becoming acquainted with the various instruments employed in the examination of the eye and ear and the operations thereon, and with disease of these organs and their treatment. And by reason of his having specially qualified himself for the teaching of Hygiene and Sanitation, to assume the office of Secretary of the North Carolina State Board of Health, he has been selected to deliver a course of lectures upon the subject.

DR. K. P. BATTLE, late of the United States Marine Hospital Service, is eminently qualified for his position as instructor in Physiology, also as clinical professor of diseases of the eye, ear,

nose and throat, by reason of having recently pursued an extended course in the Royal London Ophthalmic Hospital and the London Hospital for Diseases of the Throat and Nose. His course will be illustrated by various physiological demonstrations, including vivisection.

The professors in Anatomy and Chemistry are teachers of eminent ability. Dr. H. B. Battle is State Chemist.

BUILDINGS.

Through the very liberal donations of numerous friends of the Institution, and especially of Judson Wade Leonard of Hampden, Mass., and other members of the family after whom this department is named, the President and Trustees have been able to meet a long felt want of the colored people and to establish this new department of the University.

There have been erected two large brick buildings for the special accommodation of the Medical School. One of these, the Leonard Medical Building, is an imposing structure of beautiful proportions which adorns the site donated by the North Carolina Legislature. This building contains the lecture rooms, amphitheater, laboratory, dissecting rooms, etc., and has been fitted up at great expense. It is intended that this shall afford every facility to the student for prosecuting his studies.

The other building, the Medical Dormitory, contains rooms to accommodate sixty students. This will afford the young men a pleasant home. All students whose homes are not in Raleigh or vicinity, will room and board at the University.

APPARATUS.

Valuable and extensive additions have been made to our list of apparatus. The Chemical Laboratory has been supplied with apparatus and re-agents for the special study of Medical Chemistry. A complete set of electrical apparatus has been furnished, thus giving an opportunity of demonstrating the application of electricity in diseases. Apparatus for teaching

the principles of Natural Philosophy, which it is desirable that the physician should be familiar with, namely: heat, light, sound, etc., has been applied, and instruction will be given on these subjects.

In the department of Anatomy and Physiology, many additions have been made. The school has now almost the complete set of Auzoux and Bock Steger Anatomical models which have been imported from Paris especially for our use.

Accessories for the microscope have been obtained, so that the study of Histology and Microscopical Pathology can be pursued.

Models for the study of Obstetrics have been secured, and further additions in the way of models and instruments will be made from time to time.

The school has received a fine Microscope and a fine Magic Lantern, which will be of great service in illustrating minute Anatomy.

HOSPITAL.

A Hospital Building, containing four wards, has been erected and will be used during the term for affording the students the best possible clinical instruction.

The Faculty intend to make clinical instruction a prominent feature in the course of study, giving the student an opportunity of studying disease at the bedside of the patient and of watching the effects of treatment. It is believed that the surgical service will be especially valuable and complete. The past session has demonstrated not only the value of a hospital to the school, but also its growing popularity among the colored people of the city and State.

COURSE OF STUDY.

Appreciating as we do the need of the colored physicians being thoroughly qualified for their peculiar work among their people, it will be the aim of the Faculty and Trustees of this Institution to graduate none but those showing themselves pos-

essed of such knowledge as will fully equip them for successful professional life. Believing that a graded course of study will be the one best adapted to give students the requisite knowledge, it has been deemed best that a course of study of four years' duration should be established. If, however, a student, at the end of three years, is able to pass an examination in all the branches of medicine, he will be allowed to graduate and receive his diploma, but with the average student, a full four years' course will be necessary to attain to the high standard established by the Leonard Medical School.

Dr. W. W. Keen, of Philadelphia, one of our Trustees, an eminent physician and firm friend of the School, says, in the *Medical News* in regard to the wisdom of this study: "They [the Faculty] have wisely decided, in view of the limited early education of the colored people, the medical course shall be four years, both to give a thorough graded course and the opportunity to study Latin and other branches of the academic department. If the colored man is to enter medicine, he must expect just what the white man does—a fair fight and no favors. If inferior in education and skill, he will go to the bottom; if superior, he ought to go to the top."

It is an especial aim to be thorough, and no student will receive a degree unless he can pass a satisfactory examination in all the branches pursued in the *four years'* course. The students will be divided into four classes, and will be classified according to their previous study and medical knowledge, as ascertained by examination.

ORDER OF INSTRUCTION.

FIRST YEAR.

Anatomy, Physiology, Materia Medica, General Chemistry.

SECOND YEAR.

Practical Anatomy, Medical Chemistry, Physiology, Pathological Anatomy, and Practice of Medicine.

THIRD YEAR.

Therapeutics, Obstetrics, Medical Chemistry, Theory, and Practice of Medicine and Surgery.

FOURTH YEAR.

Ophthalmology, Otology, Laryngology, Dermatology, Syphilis, Diseases of the Nervous System, Diseases of Women, Diseases of Children, Operative Surgery, Forensic Medicine and Medical Chemistry.

It is intended that clinical methods of instruction shall be given prominence.

Examination of patients will be made, and surgical operations performed before the class free of charge.

A Dispensary has been established where students can have the opportunity of seeing patients treated, and also of themselves learning to dispense medicine. This will make the students practical men, such as can successfully cope with disease at the bedside.

TERMS OF ADMISION.

Young men intending to apply for admission to this school must be at least eighteen years of age, and will be required to pass a preliminary examination sufficient to show their fitness to enter upon the study of medicine, unless they can furnish a certificate to their previous standing in school from some principal or president of a reputable institution of learning.

PRELIMINARY COURSE.

If a student fails to pass an examination before the President and Dean of the Faculty, he will be expected to spend a sufficient time in the preliminary studies to qualify himself for the regular course. This will include instruction in Latin, Botany, Physics, Zoology, Chemistry, Physiology, and the use of the microscope. These branches will enable the student to pursue with greater facility the Medical Science.

EXAMINATIONS AND GRADUATION.

The following will be the order of the examinations in the Graded Course. At the end of the first year, *Materia Medica*, *Anatomy and Physiology*; at the end of the second, *Anatomy*, *Physiology and General Chemistry*; at the end of the third, *Therapeutics*, *Obstetrics*, the *Principles and Practice of Medicine and Surgery*; at the end of the fourth year, a final examination of all the branches pursued during the course, occupying the last week of the term. The examinations will be written as well as oral, and will be marked on the scale of one hundred. A failure to receive eighty per cent. in any branch will require that study to be repeated the next year, and the student to be re-examined in the same at the close of that year.

Every candidate for graduation must be at least twenty-one years of age, furnish satisfactory evidence of good moral character. He shall have attended the four years' course or its equivalent. He shall be required to dissect the entire cadaver. He shall present to the Faculty, at such time before graduation as they may appoint, an original thesis upon some medical subject, the graduation fee to accompany the same. Satisfactory examination must be passed in all branches of medicine in the manner laid down in the first part of this section, and he must receive a general average of not less than eighty per cent. in all branches.

If a candidate fails to pass he may have a second trial, which shall be final; failing in this, his graduating fee shall be returned to him and he may try again at the next annual examination, after having taken another course of lectures in the branches in which he is deficient.

GENERAL INFORMATION.

On the last pay day, March 8th, there will also be due the graduation fee, \$10.

The cost of books for the first year will be about twenty dollars. Books are not furnished by the Institution.

A student, on arriving, should have at least forty-five dollars to pay for books, entrance fees, board, etc., for the first four weeks.

The General Assembly of the State of North Carolina has legalized, by special act, dissection, and material will be furnished during the winter months, and there will be no extra charge for the Demonstrator of Anatomy's ticket.

Extra fuel for private fire will be furnished at cost.

The students in this department may enjoy all the benefits of the University Library, also all the lectures and general exercises of the other departments.

EXPENSES.

Matriculation fee	-	-	-	-	-	-	\$ 5 00
Incidentals	-	-	-	-	-	-	10 00
Five months' course of lectures				-	-		60 00
Graduating fee	-	-	-	-	-	-	10 00
Board, room rent, fuel and lights, as furnished by the Institution, per month (four weeks)							8 50

ANNOUNCEMENTS FOR THE ACADEMIC YEAR 1896 AND 1897.

The year will open Monday, November 2, 1896, and close Saturday, April 3, 1897. It is important that students should arrive on Saturday preceding the opening day, pay the advance charges then due, and get their rooms settled so as to be in readiness for work on Monday morning, when lectures will promptly begin at nine o'clock.

No extra charge for board will be made on account of arriving on Saturday, preceding the opening day.

Lectures and recitations will be suspended during the Christmas vacation, from December 21st, to December 27th, inclusive. Students remaining during any vacation, will be subject to the general rules and regulations that are in force during term time.

All students are required to live and board at the Institution, unless their homes are in the city of Raleigh or immediate vicinity.

SCHOOL MONTHS AND PAY DAYS.

Session opens Monday, November 2d.

November 2d, pay day for school month, November 2d to November 29th, inclusive, four weeks; amount due: Fees \$15.00; board, room-rent, etc., \$8.50; total, \$23.50.

November 30th, pay day for school month, November 30th to January 10th, inclusive, six weeks, including Christmas week; amount due, \$12.63.

Christmas vacation, December 21st to December 27th, inclusive.

January 11th, pay day for school month, January 11th to February 7th, inclusive, four weeks; amount due, \$8.50.

February 8th, pay day for school month, February 8th to March 7th, inclusive, four weeks; amount due, \$8.50.

March 8th, pay day for school month, March 8th to April 3d, inclusive, four weeks; amount due, \$8.50; also graduation fee of \$10.

Two dollars per school month of four weeks will be credited to accounts of students who work.

TEXT-BOOKS.

The following text-books are in use and recommended for reference:

Anatomy.—Gray, Quain and Holden's Manual of Dissection.

Surgery.—Wyeth's, Bryant's, Smith's Operative Surgery, and DaCosta's Manual of Modern Surgery.

Chemistry.—Avery's General Chemistry, Bartley's Medical Chemistry—2d Edition, Roscoe and Schorlemmer, Woodman and Tidy Wormley's Micro-Chemistry of Poison.

Obstetrics.—Leishman's, Playfair's, Lush's and King's Manual.

Principles and Practice of Medicine.—Osler's and Flint's Practice, Aiken's Outlines and Bartholow's Practice.

Materia Medica and Therapeutics.—The National Dispensary, Biddle's and Bartholow's.

Physiology.—Yeo's.

Diseases of Women.—Skeene's and Madden's Gynæcology.

Diseases of Children.—Smith's and Meigs and Pepper.

Pathology.—Green's and Billroth's Surgical Pathology.

Special Subjects.—Bumsted on Venereal Diseases, Hammond on Nervous Diseases, Duhring on Diseases of the Skin, Nettleship on Disease of the Eye, Roosa on Disease of the Ear, Cohen on Disease of the Throat and MacKenzie on the Laryngoscope.

PRIZES.

The McKee prize will be awarded to that member of the graduating class who shall excel in Obstetrics. This prize has been permanently established by Dr. James McKee, Dean of the Faculty.

The Scruggs prize will be awarded to that member of the graduating class who shall excel in Obstetrics.

The Knox prize, the gift of Dr. Knox, will be awarded to that member of the graduating class who shall excel in Surgery.

The Battle prize, the gift of Dr. K. P. Battle, will be awarded to that student who shall excel in Physiology.

The Goodwin prize will be awarded to that member of the graduating class who shall excel in Anatomy.

The H. B. Battle prize, the gift of Dr. H. B. Battle, will be awarded to the student of first year who shows the greatest improvement in General Chemistry.

The Lewis prize will be awarded to the student who shall excel in the branches taught by Dr. R. H. Lewis.

Students desiring to enter upon the study of medicine will do well to enter the preliminary course, if they are not sufficiently advanced to begin the studies of the regular course.

The McKee prize, for excellence in Obstetrics, awarded to I. T. Epps, Athens, Ga.

The Knox prize, for excellence in Surgery, awarded to G. W. Williams, Raleigh, N. C.

The Goodwin prize, for excellence in Anatomy, awarded to W. R. Mapp, Eastville, Va.

The K. P. Battle competitive prize, for excellence in Physiology, awarded to I. T. Epps, Athens, Ga.

The Lewis prize, for excellence in Diseases of the Eye, Ear and Throat, awarded to W. B. Fayerman, Petersburg, Va.

The H. B. Battle competitive prize, for excellence in Chemistry, awarded to G. W. Cardwell, Reidsville, N. C.

The Scruggs prize, for excellence in Obstetrics, awarded to I. T. Epps, Athens, Ga.

FINANCIAL CONDITION.

The important work of founding the Leonard Medical School in connection with Shaw University, has been steadily going forward since 1880, and the success which has attended the effort calls for devout thanksgiving to the bestower of all good ; and yet continued effort must be put forth in order to meet the increasing wants of this department of instruction. Twenty additional scholarships of \$60 each are needed for the ensuing year.

The President of the Institution takes pleasure in announcing to the Northern friends, who have rendered such valuable assistance in the past, that the future of the Medical School is full of hope. We have at the beginning established a four years' course to insure the necessary training and guard against graduating men imperfectly educated in the different branches of medicine. While a two or three years' course would doubtless at first have secured a large attendance, yet in the end a four years' course will insure thoroughness that will give confidence and confer lasting benefits.

RULES.

Medical students will be governed by the same rules as the other students of the University, except in exigencies, when the Dean of the Medical Faculty has the authority to excuse. Students who live in the city will be under the same rules as those who room and board upon the grounds.

SCHOLARSHIPS.

For the assistance of needy and meritorious young men, general scholarships from thirty to sixty dollars have been established. The late Judson Wade Leonard, of Hampden, Massachusetts, left a bequest of six thousand dollars. Five thousand dollars of this fund is invested, the interest to be used in scholarships for deserving young men who desire to study medicine. This fund will furnish at least five scholarships of sixty dollars each, which will be known as the Leonard Medical Scholarships.

During the past session one thousand dollars has been received from the John F. Slater Fund, through the kindness of the agent, Dr. J. L. M. Curry, which has been applied to the payment of scholarships.

Young men desirous of availing themselves of the benefit of these scholarships will, during the summer, furnish the President of the Faculty satisfactory evidence that they are persons possessed of good moral character, of having sufficient preliminary education, and of actually being in need of assistance.

STUDENTS.

FRESHMAN CLASS.

Borders, J. W. F.,		<i>Waco, N. C.</i>
	Lincoln Academy.	
Boulware, W. B.,		<i>Flint Hill, S. C.</i>
	Allen University.	
Briggs, Peter M.,		<i>Manchester, Va.</i>
	Manchester High School.	
Cardwell, G. W.,		<i>Reidsville, N. C.</i>
	Bennett College.	
Chadburn, G. W.,		<i>Gatesville, Texas.</i>
	Bishop College.	
Conner, E. T.,		<i>Prospectdale, Va.</i>
	V. N. & C. Institute.	
Floyd, W. D.,		<i>Opelika, Ala.</i>
	Normal and Industrial Institute, Tuskegee, Ala.	
George, E. J.,		<i>Orton, N. C.</i>
	Biddle University.	
Henderson, W. L.,		<i>Worcester, Mass.</i>
	Public School, Woodville, Va.	
King, Joseph H.,		<i>Ferndale, N. C.</i>
	Bennett College.	
Loverette, Geo. P.,		<i>Richmond, Va.</i>
	Hampton Institute.	
Mask, John,		<i>Rockingham, N. C.</i>
	Biddle University.	
Moore, J. H.,		<i>Plummersville, Ark.</i>
	Little Rock Baptist College.	
Rose, George,		<i>Sierra Leone, West Coast Africa.</i>
Strother, W. C.,		<i>Timmons ville, S. C.</i>
	Claflin University.	

SOPHOMORE CLASS.

Benton, M. J.,		<i>Live Oak, Fla.</i>
	Florida Institute.	
Gee, Peter F.,		<i>Bagley's Mills, Va.</i>
	Shaw University.	
Graves, W. H.,		<i>Reidsville, N. C.</i>
	Shaw University.	

Goodwin, J. H.,		<i>Weston, S. C.</i>
Howard, Samuel,	Benedict College.	<i>Free Union, Va.</i>
Hodge, H. B.,	Virginia Normal and Collegiate Institute.	<i>Ocala, Fla.</i>
Lightner, Joseph A.,	Atlanta University.	<i>Chester, S. C.</i>
Marshall, George N.,	Biddle University.	<i>Chestnut Knob, Va.</i>
McMillen, A. S.,	Lincoln University.	<i>St. Paul, N. C.</i>
Miller, J. P.,	Shaw University.	<i>Patterson, Ga.</i>
Straghn, David Thomas,	Georgia State Industrial College.	
	<i>Georgetown, Demarara, B. G., S. A.</i>	
Whitley, Cornelius C.,	Queen's College, B. G.	<i>Newbern, N. C.</i>
Wheeler, W. C.,	North Carolina Normal School.	<i>Cadiz, Ga.</i>
Wilson, S. H.,	Athens Normal School.	<i>Warsaw, N. C.</i>
	State Normal School, Fayetteville.	

JUNIOR CLASS.

Burrus, Benjamin,		<i>Fairfield, N. C.</i>
Broome, D. A.,	Shaw University.	<i>Ocala, Fla.</i>
Hughes, Wm. H., Jr.,	Shaw University.	<i>Manchester, Va.</i>
Hood, J. J.,	Virginia Normal and Collegiate Institute.	<i>Fayetteville, N. C.</i>
McDougald, J. Q.,	Claffin University.	<i>Whiteville, N. C.</i>
McNorton, N. F.,	Lincoln University.	<i>Yorktown, Va.</i>
Wyche, A. A.,	Virginia Normal and Collegiate Institute.	<i>Henderson, N. C.</i>
	Howard University.	

SENIOR CLASS.

Atkins, W. E.,		<i>Manchester, Va.</i>
Bynum, C. H.,	Boydton Institute.	<i>Wilson, N. C.</i>
Epps, I. T.,	Lincoln University.	<i>Athens, Ga.</i>
	Athens Normal School.	

Fayerman, Walter B.,		<i>Petersburg, Va.</i>
	Virginia Normal and Collegiate Institute.	
Lloyd, J. M.,		<i>Elizabethtown, N. C.</i>
	Elizabethtown Normal School.	
Love, Philip E.,		<i>Savannah, Ga.</i>
	Atlanta Baptist Seminary.	
Massy, J. S.,		<i>Waxhaw, N. C.</i>
	Shaw University.	
Mapp, W. R.,		<i>Eastville, Va.</i>
	Hampton Institute.	
Shannon, Samuel W. K.,		<i>Harper, Liberia, Africa.</i>
	Hoffman Institute.	
Tompkins, J. H.,		<i>Hampton, Va.</i>
	Hampton Institute.	
Williams, G. W.,		<i>Raleigh, N. C.</i>
	Lincoln University.	

GRADUATES.

Class of '87.

Name	Present Place of Residence and Practice.
Abbott, M. S. G.,	<i>Pensacola, Fla.</i>
Bugg, James H.,	<i>Savannah, Ga.</i>
Pope, M. T.,	<i>Charlotte, N. C.</i>
Prince, A. T.,	<i>Beaufort, S. C.</i>
Scruggs, L. A.,	<i>Raleigh, N. C.</i>
Williams, J. T.,	<i>Charlotte, N. C.</i>

Class of '88.

Hill, S. B.,	<i>Lynchburg, Va.</i>
Lane, C. H.,	<i>Raymond City, W. Va.</i>
Moore, A. M.,	<i>Durham, N. C.</i>
Robinson, D. A.,	<i>Danville, Va.</i>
Reynolds, R. A.,	<i>Wilmington, N. C.</i>

Class of '89,

Bryant, Reuben H.,	<i>Asheville, N. C.</i>
Burwell, L. L.,	<i>Selma, Ala.</i>
Hall, H. H.,	<i>Winston, N. C.</i>
Lloyd, T. P.,	<i>Ocala, Fla.</i>
Mask, Thomas R.,	<i>Wilmington, N. C.</i>
Rolerfort, G. W.,	<i>Newark, N. J.</i>
Williams, W. A.,	<i>Greenville, S. C.</i>

Class of '90.

Alston, M. W.,	<i>Asheville, N. C.</i>
Caldwell, D. E.,	<i>Osceola, Ark.</i>
Clinton, W. D.,	<i>Pittsburg, Pa.</i>
Kennedy, N. J.,	<i>San Carlos, New Mexico.</i>
Melchor, P. N.,	<i>Fayetteville, N. C.</i>
Taylor, G. D.,	<i>Savannah, Ga.</i>

Class of '91.

Alexander, Charles R.,	<i>Petersburg, Va.</i>
Bowens, G. Jarvis,	<i>Norfolk, Va.</i>

Houser, N. B.,	<i>Charlotte, N. C.</i>
Kearney, W. S.,	<i>Huntington, W. Va.</i>
Jones, J. W.,	<i>Winston, N. C.</i>
Spaulding, H. D.,	<i>Augusta, Ga.</i>

Class of '92.

Dellinger, J. E.,	<i>Greensboro, N. C.</i>
Earle, Lawrence A.,	<i>Anderson, S. C.</i>
Hooper, W. D.,	<i>Chester, S. C.</i>
Rhodes, W. C.,	<i>Spartanburg, S. C.</i>
Shuften, John T.,	<i>Macon, Ga.</i>
Smalls, Wm. C.,	<i>Savannah, Ga.</i>
Swan, C. S.,	<i>Columbus, Ga.</i>
Walton, C. L.,	<i>Columbia, S. C.</i>

Class of '93.

Alston, J. Henry	<i>Summerville, S. C.</i>
Burrell, Isaac D.,	<i>Roanoke, Va.</i>
Bryan, Thaddeus H.,	<i>Osceola, Ark.</i>
Exum, Lewis W.,	<i>Rouceverte, W. Va.</i>
Farrar, A. W. Gray	<i>Richmond, Va.</i>
Foster, Roland H.,	<i>Kelton, S. C.</i>
Harry, George W.,	<i>Chester, S. C.</i>
Jefferson, E. Richard	<i>Raleigh, N. C.</i>
Winslow, Albert L.,	<i>Danville, Va.</i>
Wright, S. Pearson	<i>Salisbury, N. C.</i>

Class of '94.

Alston, J. H.,	<i>Wilmington, N. C.</i>
Allison, F. T.,	<i>Harper, Liberia, Africa.</i>
Bryan, J. W.,	<i>Statesville, N. C.</i>
Faulkner, H. C.,	<i>Boston, Mass.</i>
Pannill, M. W.,	<i>Staunton, Va.</i>
Pritchett, W. T.,	<i>Augusta, Ga.</i>
Roberts, I. L.,	<i>Boston, Mass.</i>

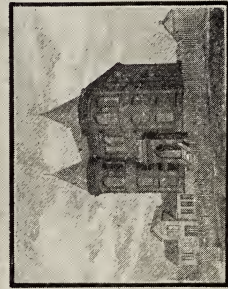
Class of '95.

Ashburn, James E.,	<i>Bower's Hill, Va.</i>
Blackman, W. C.,	<i>Georgetown, Demarara, B. G., S. A.</i>
Bowen, M. D.,	<i>Clarkton, N. C.</i>

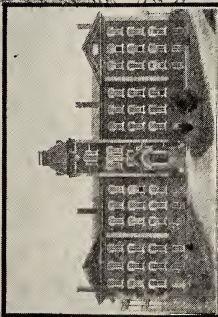
Fuller, W. T.,	<i>Danville, Va.</i>
Fort, James E.,	<i>Eureka, N. C.</i>
Haynes, C. S.,	<i>New Amsterdam, B. G., S. A.</i>
Macon, I. A.,	<i>Chester, S. C.</i>
Warren, S. L.,	<i>Durham, N. C.</i>

Class of '96.

Atkins, W. E.,	<i>Manchester, Va.</i>
Epps, I. T.,	<i>Athens, Ga.</i>
Fayerman, Walter B.,	<i>Petersburg, Va.</i>
Lloyd, J. M.,	<i>Elizabethtown, N. C.</i>
Love, P. E.,	<i>Savannah, Ga.</i>
Massy, J. S.,	<i>Waxhaw, N. C.</i>
Mapp, W. R.,	<i>Eastville, Va.</i>
Shannon, S. W. K.,	<i>Liberia, W. C. Africa.</i>
Tompkins, J. H.,	<i>Hampton, Va.</i>
Williams, G. W.,	<i>Raleigh, N. C.</i>



LEONARD MEDICAL SCHOOL



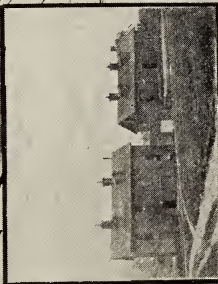
MAIN SHAW BUILDING.



ESTEY BUILDING



TRAINING SCHOOL



INDUSTRIAL SHOPS

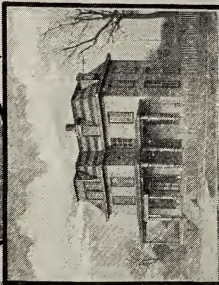


THE CHAPEL

T. CHARRIS



MED. DORMITORY



LEONARD PHARMACY



PRESIDENT'S HOUSE

SIXTH ANNUAL CATALOG

OF THE

OFFICERS AND STUDENTS

OF

LEONARD SCHOOL OF PHARMACY,

SHAW UNIVERSITY,

FOR THE

ACADEMIC YEAR ENDING MARCH 31, 1896.

RALEIGH, N. C.,
1896.

FACULTY.

CHAS. F. MESERVE, A. M., PRESIDENT.

WM. SIMPSON,

Professor of Botany, Materia Medica, Pharmacy and Chemistry, also Instructor in
Compounding Medicine and Laboratory Work.

H. B. BATTLE, PH. D.,

Professor of Medical and General Chemistry.

PHARMACY.

COURSES OF STUDY.

JUNIOR COURSE.

This course embraces a knowledge of the theory of Pharmacy, the sciences involved in the intelligent study and practice of the art, the laws governing the practice of Pharmacy, the Pharmacopœia of the United States, Pharmacopœial, Chemical and Scientific nomenclature, Latin and English Technical Terminology, official and unofficial drugs and preparations, the several systems of weights and measures, embracing also the metric system, specific gravity, specific volume, preparation and preservation of drugs, uses and effects of heat, fusion, calcination, sublimation, etc., solutions of solids, liquids and gases, generation of gases, diffusion, dialysis, extraction, percolation, repercolation, expression, filtration, other means of separation and purification, evaporation, distillation, crystallization, precipitating and washing, etc. Extemporaneous or Dispensing Pharmacy will be practically illustrated by work done by the students themselves, and for this purpose instruction will be given in preparing all official powders, mixtures, emulsions, decoctions, infusions, saturations, etc.

MIDDLE COURSE.

The course of the Middle Class will be an advance course to the Junior Class, and will comprise the preparations of extracts, fluid extracts, abstracts, pills, spirits, oleates, scaled preparation of iron, troches, ointments, cerates, plasters, suppositories, etc. Instruction in practical training in dispensing will be an important feature in the Middle Class, following as closely as possible the outline of work commenced in the Junior course. The prescription counter, its management and furnishing, the processes, apparatus and utensils employed in extemporaneous pharmacy, will be fully discussed and their uses illustrated, also incompatibility with special reference to dispensing.

SENIOR COURSE.

The Senior course will commence with a review of the second year's course, after which the pharmacopœial preparations will be carefully considered, much time being devoted to the compounding of physicians' prescriptions and extemporaneous pharmacy generally. The assaying of drugs, as Opium, Cinchona, Nux Vomica, etc. Practice in the use of specific gravity apparatus, thermometers, alcoholometers, etc. Extraction and preparation of Alkaloids and other proximate principles from drugs.

Text Books.—U. S. Pharmacopœia, Remington's Pharmacy, U. S. Dispensatory.

MATERIA MEDICA.

Detailed study of the substances used medicinally will be accompanied with authentic specimens, that students may become familiar with the appearance of the articles as they are met with in commerce. Notice will be taken of the habitat, commercial history, and official preparation in which the drug enters, also its therapeutical properties, etc. Special attention will be paid to the drilling of students in posology.

Text Books.—Bartholow's Materia Medica and Therapeutics.

CHEMISTRY.

H. B. BATTLE, PH. D.

The lectures will aim to supply a key to the understanding of chemical principles and processes of importance to the pharmacist, as will be fully demonstrated by experiments selected, not for display, but to impress more forcibly than words can do the principles presented.

The general principles of Chemistry will be considered, and will furnish a systematic exposition of the most important elements and their inorganic compounds. It will also embrace the most important subjects of Theoretical Chemistry, and give a comprehensive exposition of Organic Chemistry, especially designed to meet the requirements of Pharmacists.

Students will have the opportunity of becoming proficient in the analysis of urine.

Text Books.—Avery's Complete Chemistry, Bartley's Medical Chemistry, Tyson's Practical Examination of Urine.

ADMISSION.

Students applying for admission must be of good moral character, with a knowledge of the English branches and proficiency in Latin and the sciences. Students deficient in the above studies are recommended to spend a year in the Preliminary Medical course. Pharmacy is an important and responsible profession, and students will be compelled to pass rigid examinations to insure the public against incompetency.

SCHOOL MONTHS AND PAY DAYS.

SESSION OPENS NOVEMBER 2ND.

Nov. 2nd, pay day for school month Nov. 2nd, to Nov. 29th, inclusive, 4 weeks; amount due: Fees, \$22 00; board, room rent, etc., \$8 50; total \$30.50.

Nov. 30th, pay day for school month Nov. 30th to Jan. 10th, inclusive, 6 weeks, including Christmas week; amount due, \$12.63. Christmas vacation Dec. 21st to 27th, inclusive.

Jan. 11th, pay day for school month Jan. 11th to Feb. 7th, inclusive, 4 weeks; amount due, \$8.50.

Feb. 8th, pay day for school month Feb. 8th to March 7th, inclusive, 4 weeks; amount due, \$8.50.

March 8th, pay day for school month March 8th to April 3rd, inclusive, 4 weeks; amount due \$8 50; also graduation fee, \$10.

\$2 00 per school month of four weeks will be credited to accounts of students who work.

It is important that all students should be present on the opening day and remain until after commencement.

EXPENSES.

Matriculation fee, \$5.00; incidentals, \$2.00; board, room rent, fuel and lights, as furnished by the Institution, at \$8 50 per month of four weeks, \$44.62; tuition \$25 00; total, \$76.62. A scholarship of \$10.00 is granted to every worthy and needy student, and also an opportunity to work, amounting to \$2 00 a month, \$10.50. Net charges, \$56.12.

All charges must be paid in advance—matriculation fee and incidentals, as stated above, at the beginning of the academic year or time of entrance; all other charges every four weeks in advance.

This department opens and closes the same day as the Medical department.

A scholarship of ten dollars per session will be granted to needy and worthy students, to be credited on Tuition.

Students can reduce their bills two dollars per month by labor in the Industrial Department.

SPECIAL ANNOUNCEMENT.

It is expected that before the opening of the next session a well stocked drug store will be operated in connection with the School of Pharmacy and that even better laboratory facilities than are now afforded will be provided. Our aim is to keep fully abreast of the times, and a special bulletin of information will be issued at least a month before the opening of next session.

STUDENTS.

FRESHMAN CLASS.

McCullough, J. H.,	<i>Lancaster, S. C.</i>
Lancaster Graded School.	

JUNIOR CLASS.

Hasty, E. T.,	<i>Beaver Dam, N. C.</i>
Shaw University.	
Harris, John H.,	<i>Concord, N. C.</i>
Livingstone College.	
Merchant, E. C.,	<i>Lynchburg, Va.</i>
English High School, Boston, Mass.	
Morris, C. W.,	<i>Lynchburg, Va.</i>
Virginia Seminary.	
McNair, W. L.,	<i>Laurinburg, N. C.</i>
Biddle University.	
Satterwhite, J. W.,	<i>Newberry, S. C.</i>
Hampton Institute.	
Vick, W. H.,	<i>Wilson, N. C.</i>
Lincoln University.	
Wassom, Pearle R.,	<i>Goldsboro, N. C.</i>
High School, Knoxville, Tenn.	

SENIOR CLASS.

Bass, Eugene J.,	<i>Portsmouth, Va.</i>
Public School, Portsmouth.	
Epps, Harry,	<i>Townesville, N. C.</i>
St. Augustine, Raleigh, N. C.	

GRADUATES.

Class of '93.

Geo. P. Hart,

Jacksonville, Fla.

Class of '94.

J. L. F. Alston,

Louisburg, N. C.

C. F. Crews,

Winston, N. C.

J. L. Eagles,

Wilmington, N. C.

R. C. McNorton,

Christiansburg, Va.

H. H. Perry,

Wake Forest, N. C.

J. E. Shepherd,

Charlotte, N. C.

Class of '95.

J. M. Benson,

Danville, Va.

J. A. Dodson,

Durham, N. C.

P. H. Hilton,

Raleigh, N. C.

E. W. Newton,

Goldsboro, N. C.

T. C. White,

Charlotte, N. C.

Class of '96.

Eugene J. Bass,

Portsmouth, Va.

Harry Epps,

Townesville, N. C.

